

2017 Montgomery County Community Health Status Update

Montgomery County
Health Department



Your partner for a healthy community

October 2017 Update

Overview

A local community health assessment is a systematic examination of the health status indicators for a given population that is used to identify key problems and assets in a community. The ultimate goal of a community health assessment is to develop strategies to address the community's health needs and identified issues (PHAB Acronyms and Glossary of Terms Version 1.5). The health assessment provides the basis for the development of the local community health improvement plan (CHIP). The CHIP provides guidance to the health department and its partners for improving the health of the population.

The Montgomery County community has made use of a community health assessment process called Mobilizing for Action through Planning and Partnerships (MAPP). MAPP is a community-driven strategic planning process for improving community health (naccho.org). Consisting of four assessments, MAPP is an interactive process that can improve the efficiency, effectiveness, and ultimately the performance of local public health systems. This framework helps communities apply strategic thinking to prioritize public health issues and identify resources to address them. This document provides the 2017 update of the first assessment in the MAPP process, the Community Health Status Assessment.

Introduction

The Montgomery County community reviewed a comprehensive Montgomery County Community Health Assessment most recently in 2015. From this assessment, community partners identified what they perceived to be Montgomery County's top four priority health issues: Physical Activity and Nutrition (PAN), Substance Abuse and Use (ADAPT), Teen Pregnancy (PATH), and Communication.

The following document, the 2017 Montgomery County Community Health Status Update, serves as a data report containing the most recently reported data related to health factors and health outcomes most pertinent to Montgomery County. Graphs and tables on the following pages indicate how Montgomery County 2017 data is being compared to 2015 CHA data (original sources for 2015 CHA data can be found in the 2016-2019 Montgomery County Community Health Assessment and Community Health Improvement Plan). Data may be non-comparable if the original data source from 2015 is not available, or if the data has not been updated.

DEMOGRAPHIC PROFILE

Year: 2016	Montgomery County	Kentucky	USA
Population Estimate	27,771	4,436,974	323,127,513
Persons Under 5 Yrs.	6.6%	6.2%	6.2%
Persons Under 18 Yrs.	23.9%	22.8%	22.8%
Persons Over 65 Yrs.	15.4%	15.6%	15.2%
White Persons	95.0%	88.0%	76.9%
Black Persons	2.9%	8.3%	13.3%
American Indian or Alaska Native	0.3%	0.3%	1.3%
Asian Persons	0.4%	1.5%	5.7%
Persons of Hispanic or Latino Origin	2.6%	3.5%	17.8%

Source: US Census Bureau at <https://www.census.gov/quickfacts>

SOCIOECONOMIC PROFILE

2015 CHA

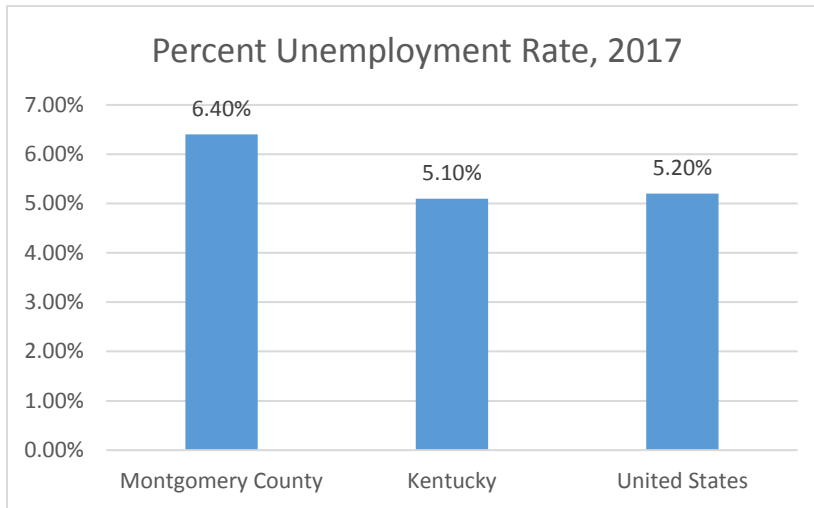
The average median household income (2011-2015) for Montgomery County (MC) was \$39,275, compared to \$43,740 for Kentucky (KY).	MC: \$38,373 KY: \$43,342
21.5% of Montgomery County residents live in poverty compared to 18.5% of Kentucky and 12.7% of the United States (US).	MC: 20.8% KY: 19.1% US: 14.8%
The per capita personal income (2011-2015) for Montgomery County is \$20,850 compared to \$24,063 for Kentucky.	MC: \$21,057 KY: \$23,741

Source: US Census Bureau at <https://www.census.gov/quickfacts>

Median household income has increased, percentage of residents in poverty has increased, and per capita personal income has decreased.

SOCIAL & ECONOMIC FACTORS

Unemployment Rate

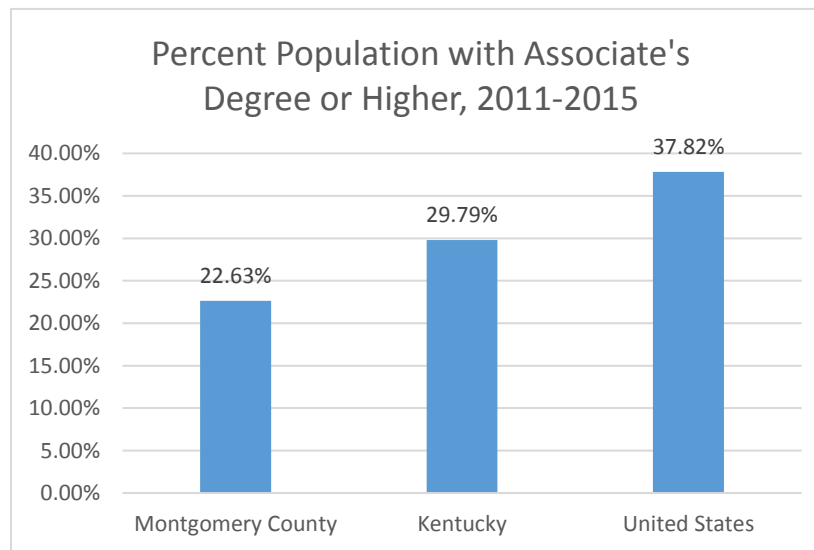


2015 CHA
MC: 7.43%
KY: 5.75%
US: 5.08%

Source: Community Commons, 2017

Unemployment rate has decreased for Montgomery County.

Educational Attainment

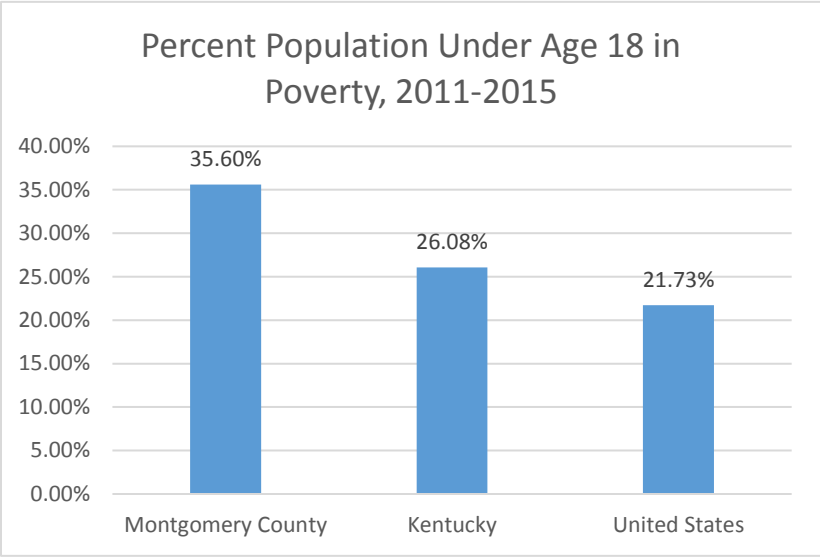


2015 CHA %
MC: 22.1%
KY: 29.1%
US: 37.2%

Source: Community Commons, 2011-15

Percent population with Associate's Degree or higher has slightly increased for Montgomery County.

Children Living in Poverty

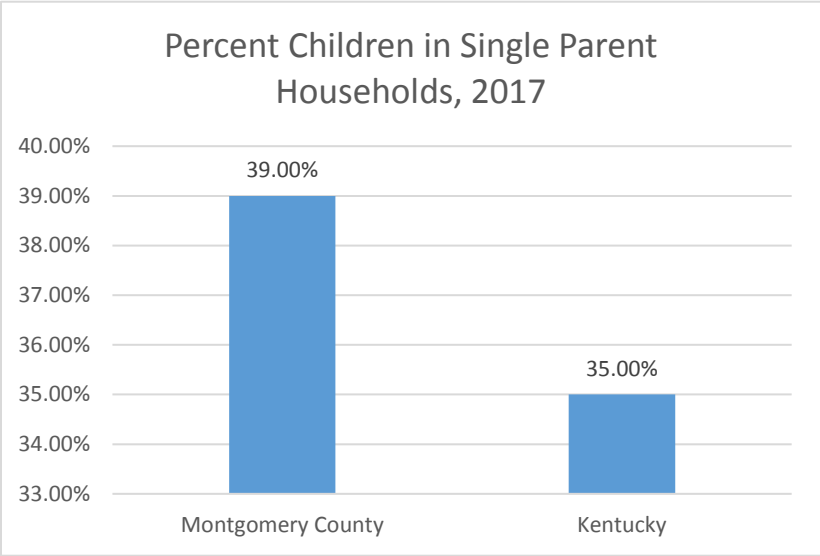


2015 CHA %
MC: 33.5%
KY: 26.0%
US: 21.9%

Source: Community Commons, 2011-15

Percent of population under age 18 living in poverty has increased in Montgomery County.

Children Living in Single Parent Households



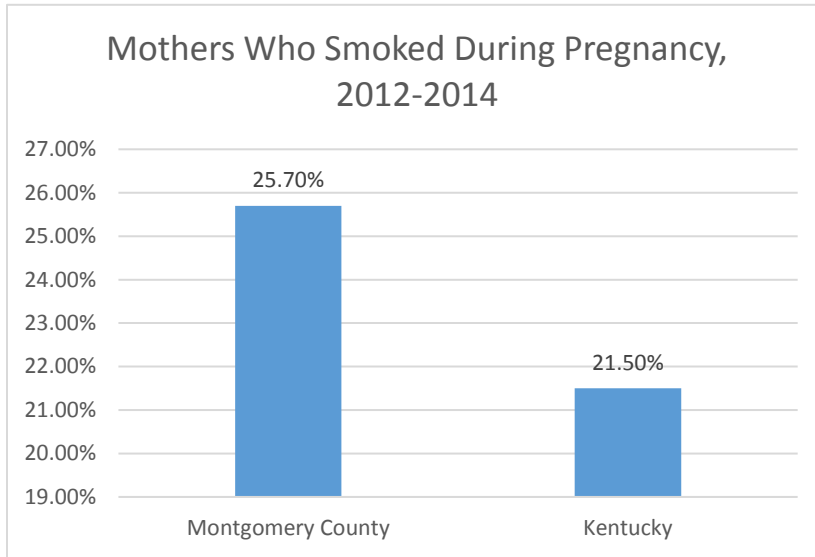
2015 CHA %
MC: 38.0%
KY: 34.0%

Source: County Health Rankings, 2017

Percent of children living in single parent households has increased.

MATERNAL AND CHILD HEALTH

Maternal Smoking

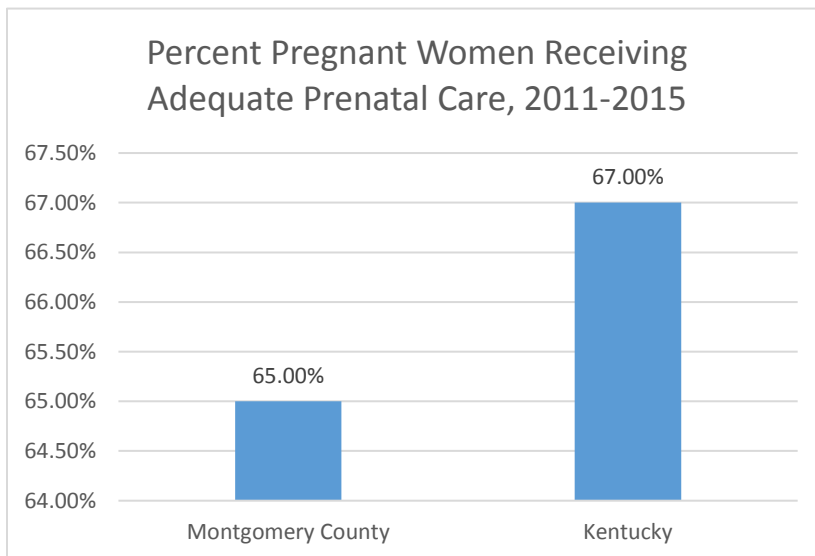


2015 CHA %
MC: 23.8%
KY: 22.5%

Source: Kids Count Data, 2012-2014

The percent of mothers who smoked during pregnancy has increased.

Adequate Prenatal Care

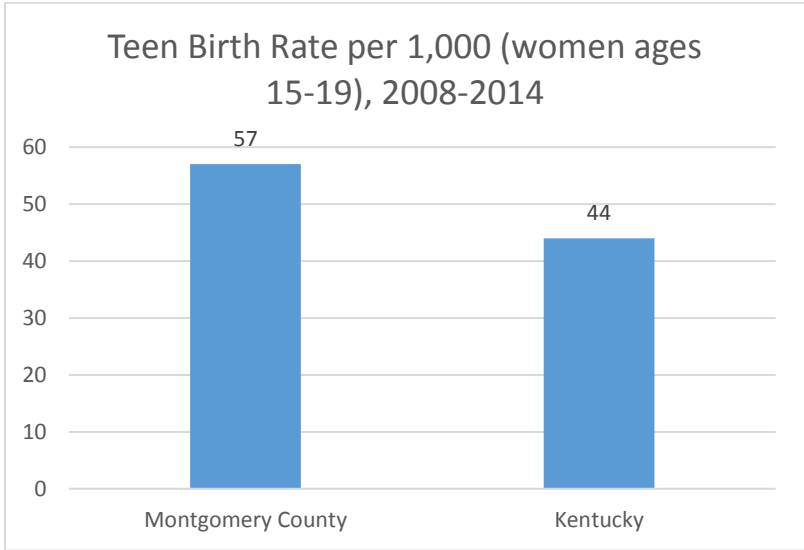


2015 CHA %
MC: 63.7%
KY: 67.0%

Source: Kentucky Health Facts, 2011-2015

The percent of pregnant women receiving adequate prenatal care has increased.

Teen Birth

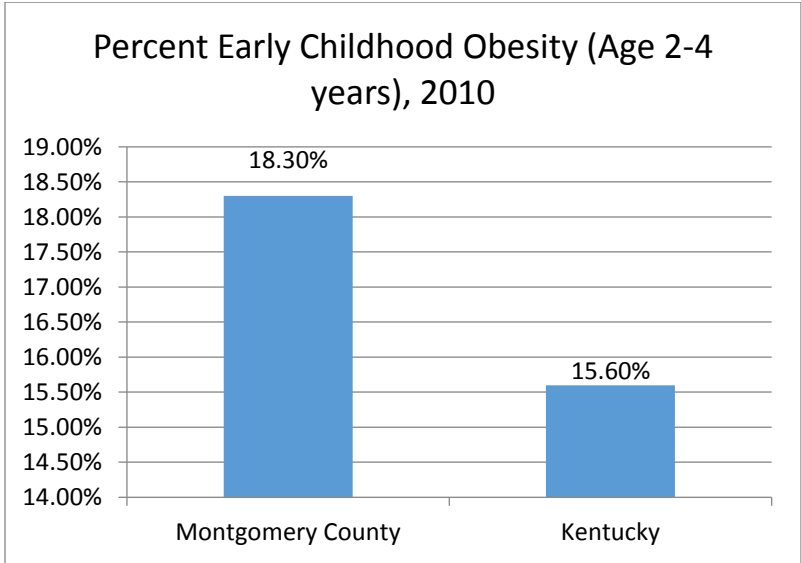


2015 CHA Rate
MC: 52.2
KY: 40

Source: County Health Rankings, 2017

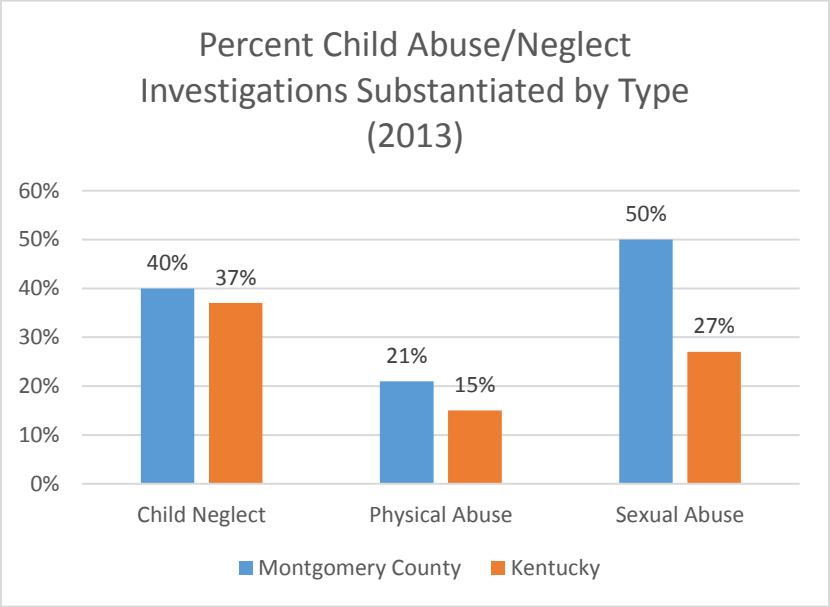
Teen birth rate has risen in Montgomery County.

Early Childhood Obesity



Note: No updated data numbers for this statistic. Source: Kids Count Data, 2010

Child Abuse Neglect Cases



Note: No updated data numbers for this statistic. Source: Kids Count Data, 2013

Number of Child Victims of Substantiated Abuse (2013)	
Montgomery County	178
Kentucky	17,917

Note: No updated data numbers for this statistic. Source: Kids Count Data, 2013

MORTALITY & MORBIDITY – HEALTH OUTCOMES

Causes of Death (Total Age-Adjusted Rate per 100,000)

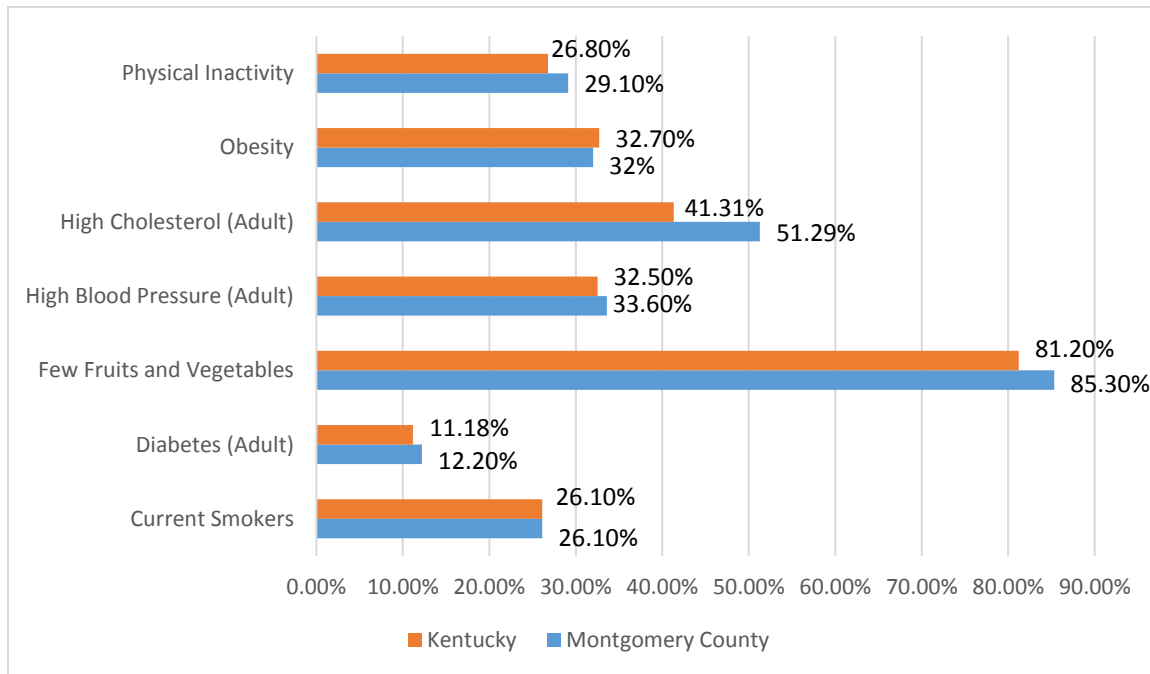
	Montgomery County	Montgomery County 2015 CHA Data	Kentucky	United States	Healthy People 2020 Target	2017 Data Source
Cancer, All Sites	154.0 ⁺	196.1	198.3 ⁺	161.2	161.4	*Kentucky Cancer Registry (2016), Healthy People 2020
Lung & Bronchus Cancer	65.7	68.4	66.8	42.1	45.5	Healthy People 2020, Kentucky Cancer Registry (2014)
Colorectal Cancer	<5 [*]	18.4	17.4	14.4	14.5	Healthy People 2020, Kentucky Cancer Registry (2014)
Breast Cancer	<5 [*]	24.3	21.0	20.6	20.7	Healthy People 2020, Kentucky Cancer Registry (2014)
Prostate Cancer	<5 [*]	11.8	19.5	19.0	21.8	Healthy People 2020, Kentucky Cancer Registry (2014)
Coronary Heart Disease	143.3	135.1	109.7	99.7	103.4	CDC (2013-2015)
Stroke	36.7	44.6	41.4	36.8	33.8	CDC (2013-2015)
Drug Poisoning	18.9	18.9	24.4	13.4	10.2	Community Commons (2010-2014)
Unintentional Injury	45	30.7	59.2	39.2	36.0	Community Commons (2010-2014)
Injury	70	63.1	91.2	63.9	53.7	Healthy People 2020, County Health Rankings (2011-2015)
Suicide	14.7	14.7	17.1	13.3	10.2	Community Commons (2010-2014), Healthy People 2020

Premature Deaths (Years of life lost)	9,300	9,300	8,900	6,588	-	County Health Rankings (2012-2014), Community Commons (2011-2013)
Infant Mortality	7.0	7.3	7.0	6.5	6.0	Kids Count Data, 2009-2011
Violent Crime Rate	218.8	218	237	395.5	-	Community Commons (2010-2012)

**Rates/counts are suppressed if less than 5 cases were reported in this category; this number is representative of 2014 only, rather than a period of several years as reported in the previous CHA.*

Coronary heart disease, unintentional injury, and injury rates have increased.

Risk Factors for Premature Death



MC 2015 %

Physical Inactivity: 28.9%

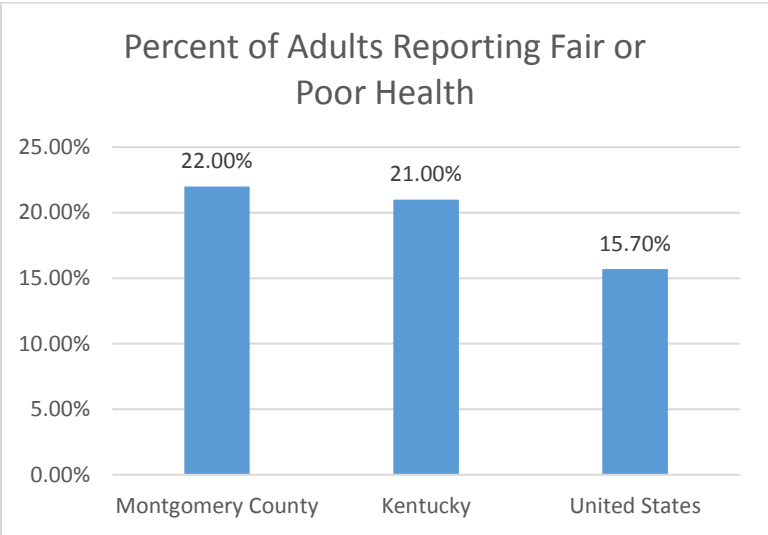
Obesity: 32.9%

Diabetes (Adult): 11.8%

Source: Community Commons, data pulled October 2017. *Note: High Cholesterol, High Blood Pressure, Few Fruits and Vegetables, and Current Smokers percentages were not updated through Community Commons since the 2015 assessment.

Physical inactivity, obesity, and adult diabetes rates have decreased for Montgomery County.

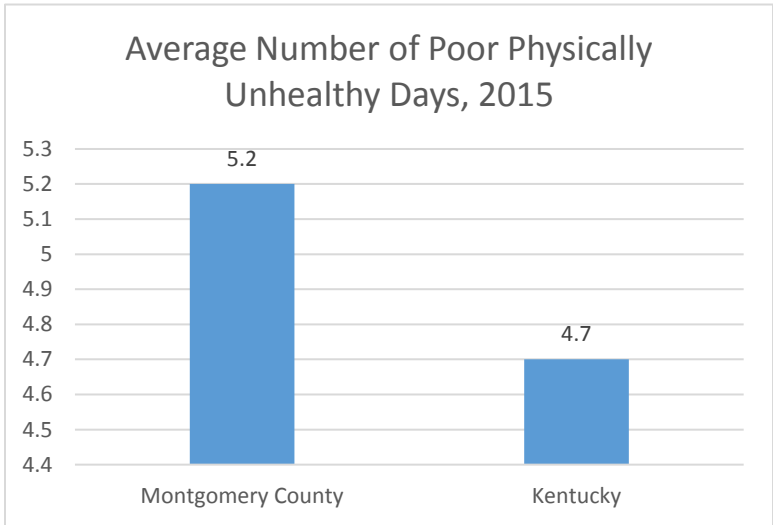
Quality of Life



2015 CHA %
MC: 22.0%
KY: 24.0%
US: 16.0%

Source: County Health Rankings 2015, Community Commons 2006-2012

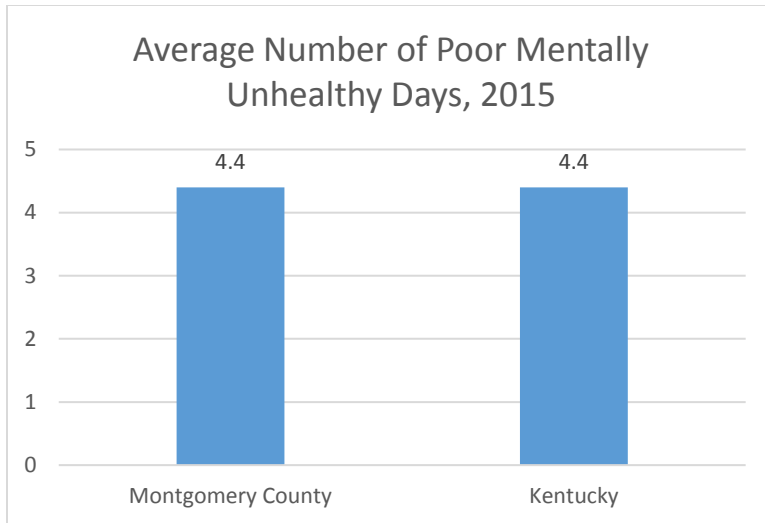
The percent of adults reporting fair or poor health in our county has remained steady.



2015 CHA
MC: 4.8
KY: 5

Source: County Health Rankings, 2015

The average number of poor physically unhealthy days has increased for Montgomery County.

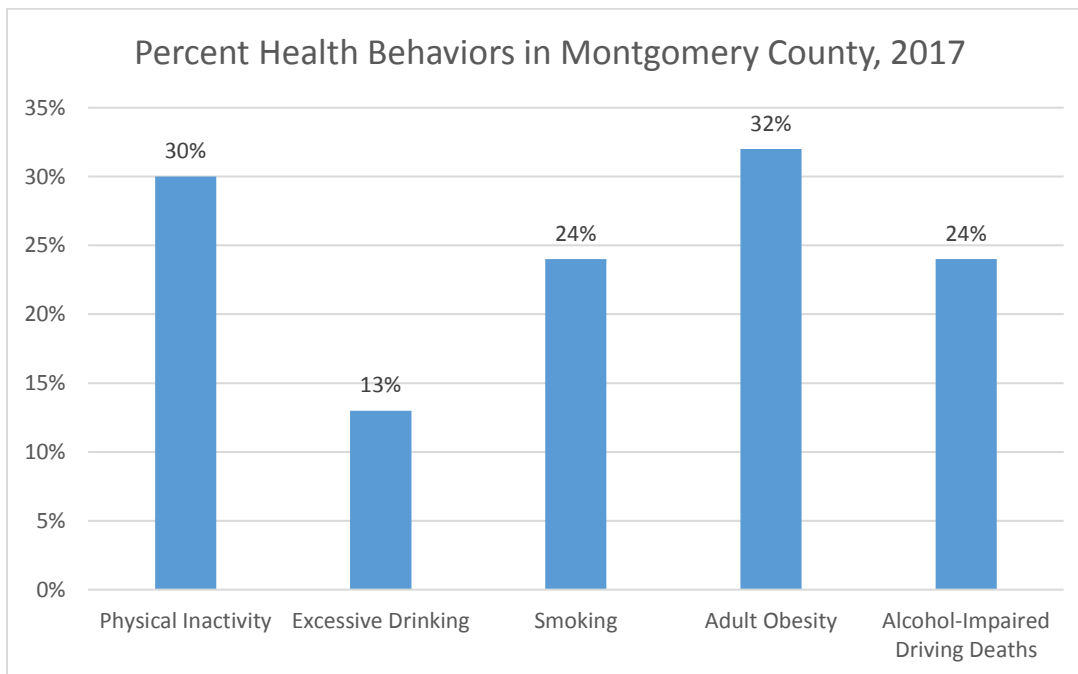


2015 CHA
MC: 4.4
KY: 4.6

Source: County Health Rankings, 2015

Average number of poor mentally unhealthy days has remained steady in Montgomery County.

HEALTH BEHAVIOR



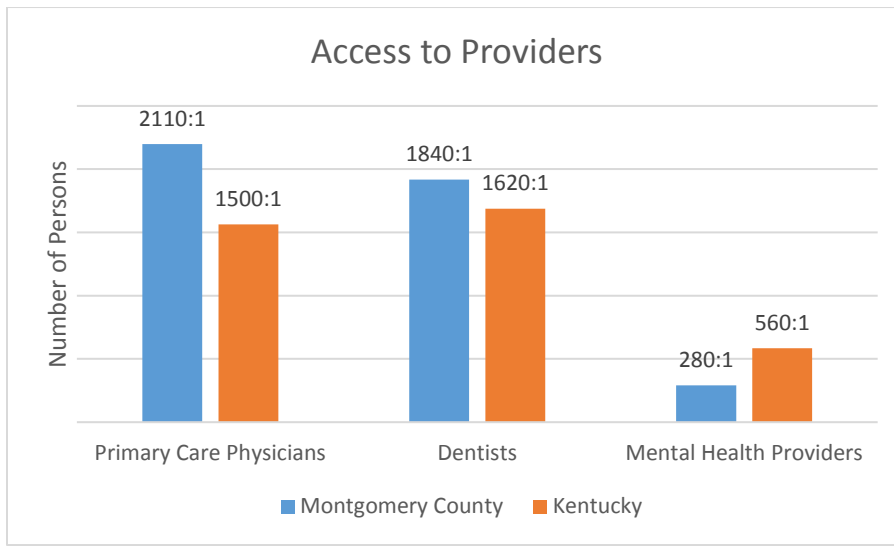
2015 CHA %

- Physical Inactivity: 30%**
- Excessive Drinking: 12.0%**
- Smoking: 25.0%**
- Adult Obesity: 33.0%**
- Alcohol-Impaired Driving Deaths: 27.0%**

Source: County Health Rankings, data collected October 2017

Excessive drinking has slightly increased, smoking and adult obesity has slightly decreased, and alcohol-impaired driving deaths has decreased.

CLINICAL CARE



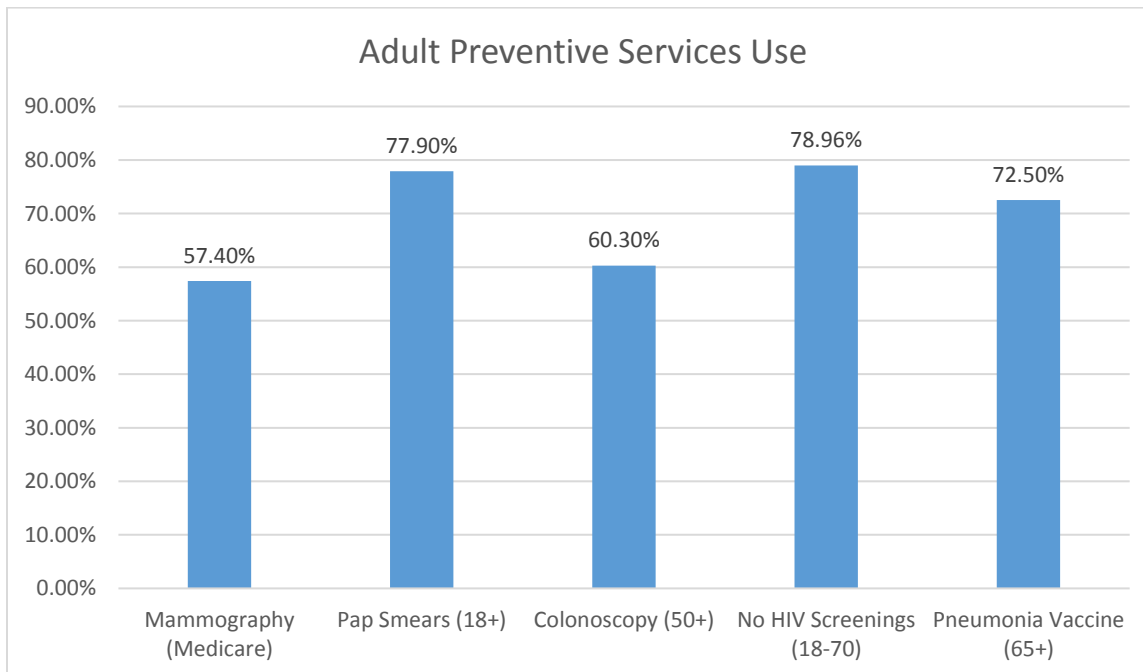
2015 CHA PCPs
MC: 2096:1
KY: 1499:1

2015 CHA Dentists
MC: 1947:1
KY: 1683:1

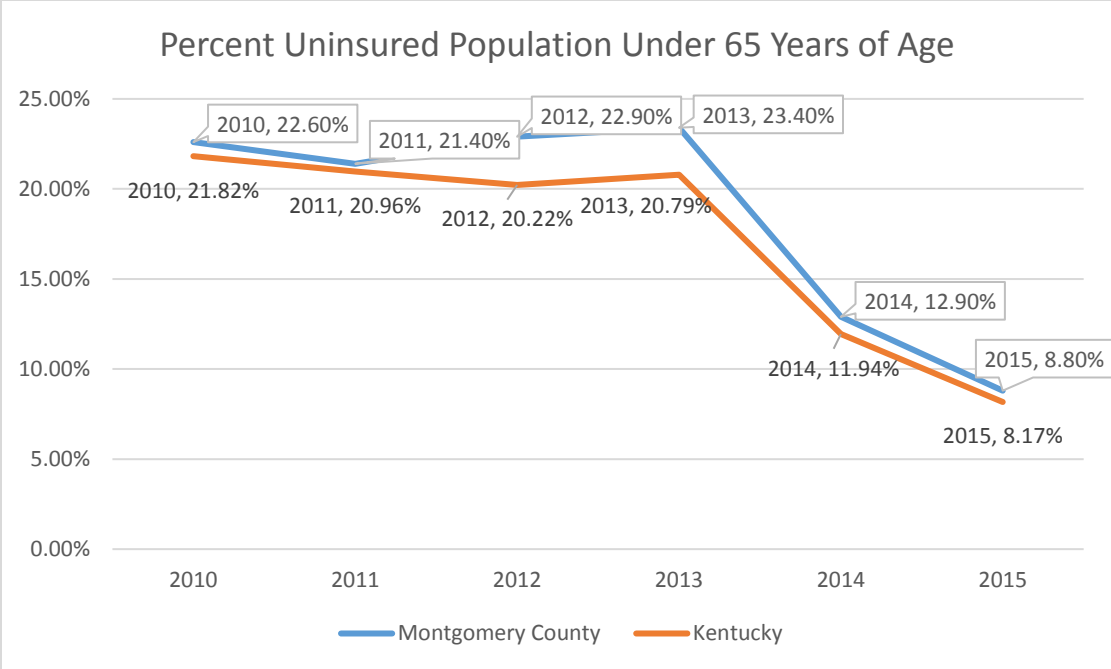
2015 CHA MHPs
MC: 341:1
KY: 558:1

Source: County Health Rankings, data collected October 2017

Primary care physicians have decreased in Montgomery County, while dentists and mental health providers have increased.



Source: Community Commons, data collected October 2017. *Note: percentages were not updated since the 2015 assessment. Mammography 2017 data collected only for recipients of Medicare.



Uninsured
 percentage
 has
 decreased
 since
 steadily
 2013.

Source: Community Commons, 2015

PHYSICAL ENVIRONMENT

2015 CHA

Air Quality – Particulate Matter 2.5: reports the percentage of days with particulate matter 2.5 levels above the National Ambient Air Quality Standard (35 micrograms per cubic meter) per year. This indicator is relevant because poor air quality contributes to respiratory issues and overall poor health. (Source: Community Commons, 2012)	0%	0
Air Quality – Ozone: This indicator reports the percentage of days per year with Ozone (O3) levels above the National Ambient Air Quality Standard of 75 parts per billion (ppb). This indicator is relevant because poor air quality contributes to respiratory issues and overall poor health. (Source: Community Commons, 2012)	0.67%	2.8 days
Access to Recreational Facilities: reports the number per 100,000 population of recreation and fitness facilities as defined by North American Industry Classification System (NAICS) Code 713940. This indicator is relevant because access to recreation and fitness facilities encourages physical activity and other healthy behaviors. (Source: Community Commons, 2015)	7.55	4
Food Access – Low Income & Low Food Access: reports the percent of low income population with low food access. This indicator is relevant because low food access contributes to overall poor health. (Source: Community Commons, 2015)	11.88%	9.87%
Grocery Store Access: reports the number of grocery stores per 100,000 population. Grocery stores are defined as supermarkets and smaller grocery stores primarily engaged in retailing a general line of food, such as canned and frozen foods; fresh fruits and vegetables; and fresh and prepared meats, fish, and poultry. Included are delicatessen-type establishments. Convenience stores and large general merchandise stores that also retail food, such as supercenters and warehouse club stores are excluded. This indicator is relevant because it provides a measure of healthy food access and environmental influences on dietary behaviors. (Source: Community Commons, 2015)	18.87	5
Liquor Store Access: reports the number of beer, wine, and liquor stores per 100,000 population. This indicator is relevant because it provides a measure of healthy food access and environmental influences on dietary behaviors. (Source: Community Commons, 2015)	11.32	3

Access to recreational facilities, low income and low food access, grocery store access, and liquor store access has all increased.

County Health Data

Indicators	Montgomery	Kentucky	US	Data Source
Social Factors				
Population	27,608	4,436,974	321,418,820	US Census Bureau (2015)
Race Stats				
White(%)	95.0%	88.1%	77.1%	US Census Bureau (2015)
African American (%)	3.0%	8.3%	13.3%	US Census Bureau (2015)
Hispanic (%)	2.5%	3.4%	17.6%	US Census Bureau (2015)
High School Graduation Rate (% of persons age 25+)	82.4%	84.2%	86.7%	US Census Bureau (2011—2015)
Bachelors Degree or higher (% of persons age 25+)	17.1%	22.3%	29.8%	US Census Bureau (2011—2015)
Unemployed: Persons 16+ (%)	7.4%	4.8%	4.8%	Local Area Unemployment Statistics (2016)
Persons in Poverty (%)	21.5%	18.5%	13.5%	US Census Bureau (2011—2015)
Children Living Below Poverty Level Under the age of 18 (%)	29.9%	25.3%	20.7%	Small Area Income and Poverty Estimates (2016)
Self Rated Health Status (% of Adults who report fair or poor health)	23.6%	24.0%	16.0%	County Health Rankings (2016)
Children in Single Parent Households (%)	39.0%	34.0%	32.0%	County Health Rankings (2016)
Median Household Income	\$42,468	\$45,178	\$55,775	Small Area Income and Poverty Estimates (2016)
Behavioral Factors				
Prevalence of Adult Smoking (%; Age-adjusted)	28.0%	25.9%	15.1%	BRFSS (2006—2012)
Prevalence of Youth Smoking (% of High School Students)	25.9%	25.0%	23.0%	Kentucky Health Facts (2007)
Adult Prevalence of Obesity (%; Age-adjusted)	31.0%	33.0%	36.5%	BRFSS (2013-2015)
Sexually Transmitted Infection (Chlamydia rate per 100,000)	329.1	394.2	479	CDC (2012)
Binge drinking: adults (%; Age-adjusted)	16.0%	13.8%	17.0%	BRFSS (2013-2015)
No exercise: adults (% ; Age-Adjusted)	37.0%	30.2%	25.4%	BRFSS (2013-2015)
Recommended Fruit and Vegetable Intake (% adults)	7.0%	10.9%	-	Kentucky Health Facts (2013—2015)
Flu Vaccination in the Past Year (% adults)	44.0%	43.3%	43.6%	Kentucky Health Facts (2013—2015)
Tooth Loss (% of adults missing 6 or more teeth)	33.0%	23.6%	-	Kentucky Health Facts (2012—2014)
Access to Care				
Primary Care Providers (per 100,000)	44.0	80	120.9	Area Health Resources Files (2013)
Flu Vaccination in the Past Year for Adults (%)	37.0%	80.0%	81.0%	Kentucky Health Facts (2012—2014)
Uninsured Adults (% under 65 years)	7.5%	9.9%	16.8%	Small Area Health Insurance Estimates (2014)
Uninsured Children (% under 19 years)	4.2%	4.5%	7.5%	Small Area Health Insurance Estimates (2014)
Mentally unhealthy days: adults (per person; Age-adjusted)	4	4.4	3.4	Kentucky Health Facts (2013—2015)
Physical Factors				
# of Recreational Facilities (per 100,000)	4	328	30,393	County Business Partners (2013)
Air Pollution - particulate matter days	13.80	14.1	11.18	CDC Wonder (2011)
Respiratory Illness				
Adults with Asthma (%)	17.0%	16.3%	14.0%	Kentucky Health Facts (2013-2015)
Number of Inpatient Hospitalizations due to Asthma (0-17 yr olds)	10	6,837	-	2009-2011 KY Cabinet for Health and Family Services

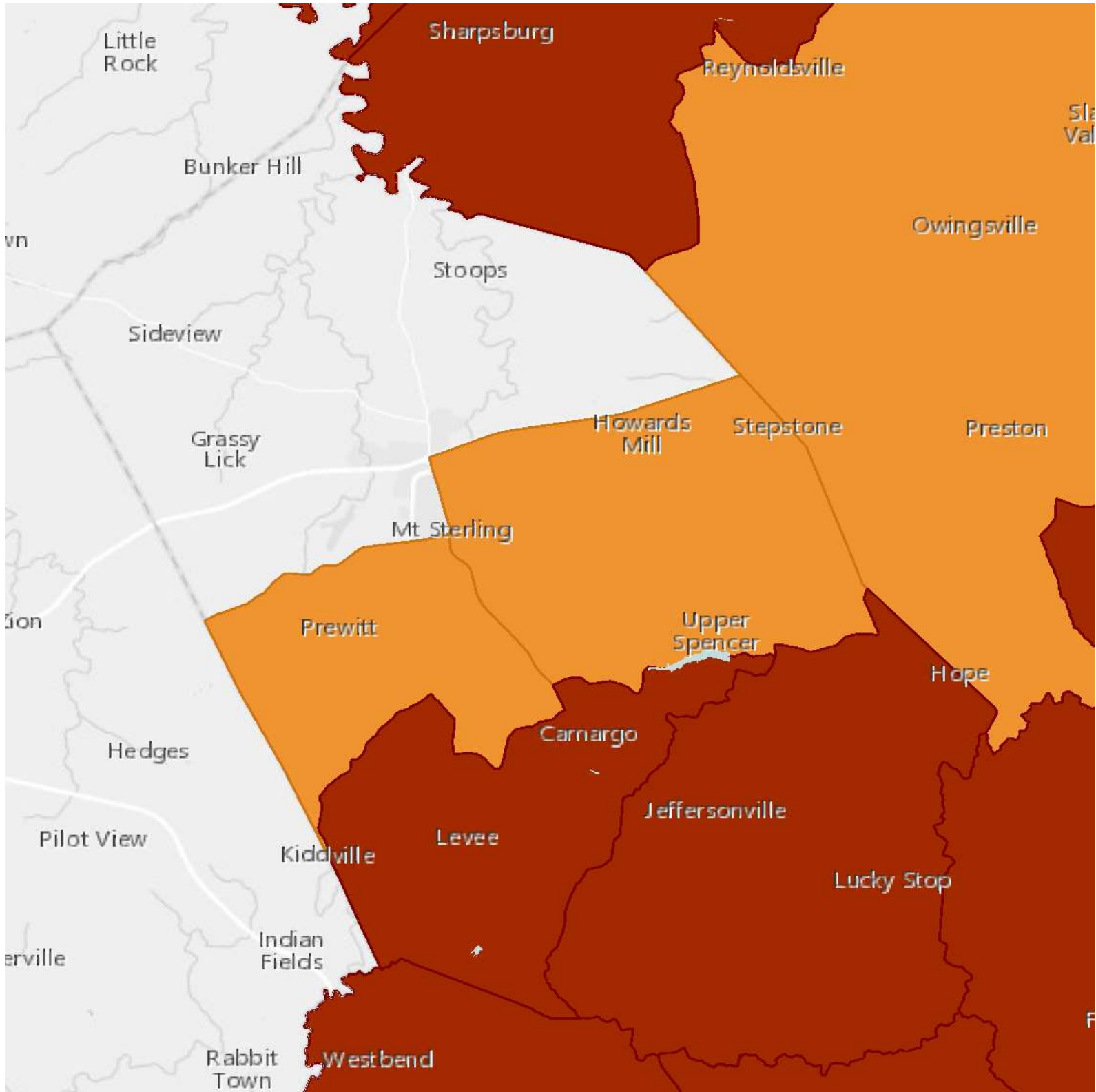
County Health Data Continued

Indicators	Montgomery	Kentucky	US	Data Source
Maternal & Child Health				
Teen Birth Rate (ages 15-19; rate per 1,000)	66.9	40.4	24.2	National Vital Statistics System-Natality (2010—2014)
Pregnant Women Receiving Adequate Prenatal Care (%)	64.0%	66.9%	-	Kentucky Health Facts (2010—2014)
Number of Child Victims Of Substantiated Abuse	178	17,917	-	KIDS Count Data Center (2013)
Low birth weight deliveries (%)	8.9%	8.9%	8.0%	National Vital Statistics System-Natality (2010—2014)
Moms Who Smoked During Pregnancy (%)	25.7%	21.5%	-	Kids Count Data Center (2012-2014)
Early Childhood Obesity (age 2-4 yrs; %)	18.3%	15.6%	-	Kids Count Data Center (2010)
Diabetes Indicators				
Diabetes Screenings (% of Medicare enrollees that receive screening)	90.3%	85.2%	84.6%	Dartmouth Atlas of Health Care (2012)
% of adult population with diabetes (Age-adjusted)	13.3%	11.3%	9.1%	CDC (2014)
Cancers				
Cancer Deaths (rate per 100,000; Age-adjusted)	231.9	200.5	166.2	National Vital Statistics System-Mortality (2011—2013)
Lung, trachea, and bronchus cancer deaths (rate per 100,000; Age-adjusted)	80.6	69.1	44.7	National Vital Statistics System-Mortality (2011—2013)
Colorectal Cancer Deaths (rate per 100,000; Age-adjusted)	19.1	17.9	15.3	National Vital Statistics System-Mortality (2009—2013)
Breast Cancer Deaths (rate per 100,000; Age-adjusted)	25.4	22.5	21.6	National Vital Statistics System-Mortality (2009—2013)
Lung, trachea, and bronchus cancer Incidence (rate per 100,000; Age-adjusted)	94.8	80.2	53.4	SEER (2009—2013)
Colorectal Cancer Incidence (rate per 100,000; Age-adjusted)	66.2	43.7	35.5	SEER (2009—2013)
Breast Cancer Incidence (rate per 100,000; Age-adjusted)	129.3	122	123.3	SEER (2009—2013)
Total Number of Collisions Involving Drunk Drivers				
Fatal Collision	2	162	-	Kentucky State Police (2015)
Injury Collision	14	1,418	-	Kentucky State Police (2015)
Property Damage Collision	14	2,689	-	Kentucky State Police (2015)
Total	30	4,269	-	Kentucky State Police (2015)
Total Number of Drivers Under Influence of Drugs				
Fatal Collision	2	233	-	Kentucky State Police (2015)
Injury Collision	5	678	-	Kentucky State Police (2015)
Property Damage Collision	6	927	-	Kentucky State Police (2014)
Total	15	1,838	-	Kentucky State Police (2015)
Total Number of Arrests by Drug Type				
Opium or Cocaine and Their Deratives	25	2,923	-	Kentucky State Police (2015)
Marijuana	28	15,567	-	Kentucky State Police (2015)
Meth	54	6,692	-	Kentucky State Police (2015)
Heroin	32	3,029	-	Kentucky State Police (2015)
Other Drugs and Synthetic Narcotics	205	37,119	-	Kentucky State Police (2015)
Total	344	65,330	-	Kentucky State Police (2015)

County Health Data Continued

Indicators	Montgomery	Kentucky	US	Data Source
Total # of DUI Arrests				
Adult	127	22,881	-	Kentucky State Police (2015)
Juvenile	0	126	-	Kentucky State Police (2015)
Male	90	17,459	-	Kentucky State Police (2015)
Female	37	5,565	-	Kentucky State Police (2015)
White	125	20,792	-	Kentucky State Police (2015)
African American	2	2,116	-	Kentucky State Police (2015)
Total	127	23,024	-	Kentucky State Police (2015)
Total # of Drug Overdose Hospitalizations				
All Drugs	129	29,683	-	KSPAN (2009—2013)
Heroin	-	610	-	KSPAN (2009—2013)
Pharmaceutical Opioids	47	6,720	-	KSPAN (2009—2013)
Benzodiazepine	32	8,239	-	KSPAN (2009—2013)
Total # of Drug Overdose Deaths	22	4,931	-	KSPAN (2009—2013)

Data Collected: 4/1/17



Source: Community Commons, data collected October 2017

This map shows Montgomery County. The orange indicates communities in the County which have 20% or more of their population at the poverty level. These communities include Prewitt (29.8% in poverty), Howards Mill (27.52% in poverty), and part of Mt. Sterling. The dark red indicates communities in the County which have 20% or more of their population at the poverty level, and 20% or more of their population with less than a high school education. These communities include Camargo and Levee (within the same tract, 28.13% in poverty and 27.17% have less than a high school education), and Jeffersonville (31.66% in poverty, and 23.45% have less than a high school education). This map indicates the southern portion of our County as an area where high poverty and low education co-exist. Low income and educational attainment are known to affect employment opportunities, housing, access to medical care, and much more, and indicates an area in our County where more health disparities or poorer health outcomes may occur.

2017 County Health Rankings (www.countyhealthrankings.org) identifies areas of strength in Montgomery County as:

- Lower excessive drinking percentage than state average (13%).
- Low uninsured percentage (11%).
- High number of mental health providers (280:1).
- Low number of preventable hospital stays (60).
- No drinking water violations (0).

Areas to explore include:

- High adult smoking percentage (24%).
- High adult obesity percentage (32%).
- High percentage of physical inactivity (30%).
- High number of teen births (57).
- Unemployment rate higher than state average (6.6%).
- High percent of children in poverty (30%).
- Higher ratio of income inequality, 5.5 (a higher inequality ratio indicates greater division between the top and bottom ends of the income spectrum).

The four workgroups of physical activity and nutrition, substance abuse/use, teen pregnancy, and communication will continue working towards the areas identified as lagging behind to help make our community a healthier place.

For comments or information on joining one of the workgroups or Healthy Communities Coalition, contact Carissa Adams at carissan.adams@ky.gov.